THIS IS ONE VOLUME OF A SIX VOLUME SET
WHICH INCLUDES:

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DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

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*DCN 93.14	Revision of Figure GT.6-3	2	10/06/93
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DCN 93.02	Offsets	1	03/17/93
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ENVIRONMENTAL MANAGEMENT
DOCUMENT CHANGE NOTICE (DCN)

Procedure Number 5-21000-OPS-GT.17 Rev 2

Title	Date	DCN Number
Land Surveying	9-02-93	93.01 dr

Expires 9-02-94 Procedure Revision Required ☐ Yes ☐ No

Scope Limitation: NONE

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for additional space)
1	5 OF 6	5.2	Three elevation measurements will be made: the elevation of the base of the concrete apron (ground level) to the north side of the well casing, the elevation of the top of the (inner) well casing and the elevation of the top of the protective casing.

Justification (Reason for change - Provide numbers to reference corresponding items above.)
1 - The base of the concrete apron (pad) also is ground level. All well construction measurements and recorded sample/core depths are referenced to ground level. The top of the concrete pad is not a reference datum.

Concurrence	Organization	Req.	Date	Concurrence	Organization	Req.	Date
[signature]	for QA~~PM~~ K.B.	X	8.31.93	[signature]	User	X	8/31/93
				[signature]	User	X	8/31/93

Approval of Responsible Manager	Date	Is Posting required?	If Yes, by what date?	Date posted
[signature]	8/31/93	☐ Yes ☐ No		

SEP 0 2 1993

5.4.2.2 Field Procedures

A standard field procedure is described below. Prior to magnetic data collection, five preliminary procedures must be conducted. These are:

* Design the appropriate field survey parameters given the purpose of coverage, contained areas of magnetic interference, grid-traverse spacing, direction of traverse, magnetometer reading interval.

* The surface geophysical survey grid-traverse lines will be controlled from the surveyed baseline provided by RFP plant personnel. The provided baseline will be staked each 25 feet. At these stakes grid-traverse line endpoints will be marked with flagged lath. The baseline and grid-traverse line stations of the magnetic survey will be transferred to the appropriate base map.

* The magnetic base station location will be selected, after consulting site utility maps, to assure minimal magnetic interference due to electric power lines, railroad, fencing, vehicular traffic, subsurface utilities, and air monitoring stations, or other metallic objects. The site should also be cleared with a portable magnetometer.
* The geophysical field instrument operator will check that personal clothing including watches, and boots, do not contain interfering ferromagnetic materials. belt buckles
* Initiate the magnetic survey only after an in situ gamma radiation survey has been completed by RFP plant personnel at each IHSS 115 and 133 groups.
* Initiate the magnetic survey after a radiation survey has been completed in the Solar Ponds area.

Design of appropriate field parameters must consider the following:

* The roving magnetometer will be suspended on a staff 8 feet above ground surface at each station on the IHSS 115 survey area.

* The roving magnetometer will be suspended on a staff 4 feet above ground surface at each station on the IHSS 133 group survey area and in the Solar Ponds area.

* Spacing between stations along each grid-traverse line stations will be 10 feet.

* Spacing between adjacent grid-traverse lines will be 25 feet at the IHSS 115 survey area.

* Spacing between adjacent grid-traverse lines will be 12 1/2 feet at the IHSS 133 group survey area.
* Spacing between adjacent grid-traverse lines will be 10 feet in the Solar Ponds area.
* Grid-traverse line will be extended an additional 50 feet along significant anomaly indications. Where such anomalies are attributed directly to known pipeline, fences, or other visible and mapped anthropogenic ferromagnetic structures, the survey need not be extended.